

SPARTANBURG COMMUNITY COLLEGE
ASSOCIATE IN APPLIED SCIENCE DEGREE
MAJOR in AUTOMATED MANUFACTURING TECHNOLOGY
DAY STUDENT

<u>FIRST SEMESTER</u>		<u>C</u>	<u>L</u>	<u>Cr</u>
EEM 117	AC/DC Circuits I	3	3	4
EEM 151	Motor Controls I	2	6	4
EEM 211	AC Machines	2	3	3
IMT 131	Hydraulics & Pneumatics	3	3	4
		<u>10</u>	<u>15</u>	<u>15</u>
<u>SECOND SEMESTER</u>		<u>C</u>	<u>L</u>	<u>Cr</u>
EEM 107	Industrial Computer Techniques	1	3	2
IMT 161	Mechanical Power Application	1	9	4
MAT 101	Beginning Algebra	3	0	3
IMT 102	Industrial Safety	2	0	2
AMT 105	Robotics & Automated Controll	2	3	3
		<u>9</u>	<u>15</u>	<u>14</u>
<u>THIRD SEMESTER</u>		<u>C</u>	<u>L</u>	<u>Cr</u>
EEM 201	Electronic Devices I	1	6	3
AMT 220	Lean Manufacturing	3	0	3
AMT 110	Manufacturing Processes	3	0	3
EEM 251	Programmable Controllers	2	3	3
IMT 160	Preventive Maintenance	2	3	3
		<u>11</u>	<u>12</u>	<u>15</u>
<u>FOURTH SEMESTER</u>		<u>C</u>	<u>L</u>	<u>Cr</u>
AMT 101	AMT Overview	2	0	2
ENG 165	Professional Communications	3	0	3
EEM 231	Digital Circuits I	2	3	3
EEM 252	Programmable Controller Applications	3	0	3
MAT 168	Geometry & Trigonometry	3	0	3
		<u>13</u>	<u>3</u>	<u>14</u>
<u>FIFTH SEMESTER</u>		<u>C</u>	<u>L</u>	<u>Cr</u>
IMT 112	Hand Tools	1	6	3
AMT 205	Robotics & Automated Control II	1	6	3
AMT 206	Electricity & Automation	0	6	2
IDS 101	Human Thought & Learning	3	0	3
HSS 205	Technology & Society	3	0	3
* *	Elective	2	0	2
		<u>10</u>	<u>18</u>	<u>16</u>
GRAND TOTAL		53	63	74

TOTAL CREDITS: 74

Approved by ARC